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(71)Applicant : SOC NATL ETUD CONSTR MOT
AVIAT <SNECMA>
SOCHATA:SOC

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(72)Inventor : ALPERINE SERGE ALEXANDRE
FOURNES JEAN-PAUL
JOSSE PIERRE
LEGER JACQUES LOUIS
MALIE ANDRE HUBERT LOUIS
MANESSE DENIS GEORGES

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**(54) THERMAL INSULATION COATING CONTAINING IMPROVED BASE FILM AND MEMBER
COATED WITH THE SAME THERMAL INSULATION COATING**

(57)Abstract:

PROBLEM TO BE SOLVED: To improve the adhering degree of thermal insulation coating for a superalloy substrate composed of a ceramic film and a base film inserted into the space between the substrate and the ceramic film and used particularly in a turbine engine.**SOLUTION:** This thermal insulation coating for a superalloy substrate is composed of a ceramic film and a base film inserted into the space between a substrate and the ceramic film. In this case, the base film is composed of nickel and/or cobalt aluminide improved by one or more kinds of platinum deposit metals, and metals promoting the formation of an oxide layer composed of the a allotropes of alumina are contained at least in a part of the upper part of the base film contacted with the ceramic film.**LEGAL STATUS**

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